

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
7 July 2005 (07.07.2005)

PCT

(10) International Publication Number  
**WO 2005/061457 A1**

(51) International Patent Classification<sup>7</sup>: **C07D 211/42**,  
413/12, 401/12, A61K 31/395

[CH/CH]; Münchensteinerstrasse 138, CH-4053 Basel  
(CH).

(21) International Application Number:  
PCT/EP2004/052389

(74) Agent: MAUÉ, Paul Georg; Solvias AG, Patents, WKL-  
402.3.04, Klybeckstrasse 191, CH-4002 Basel (CH).

(22) International Filing Date:  
30 September 2004 (30.09.2004)

(81) Designated States (*unless otherwise indicated, for every  
kind of national protection available*): AE, AG, AL, AM,  
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,  
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,  
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,  
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,  
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,  
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,  
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,  
ZW.

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
1669/03 1 October 2003 (01.10.2003) CH  
0343/04 27 February 2004 (27.02.2004) CH

(84) Designated States (*unless otherwise indicated, for every  
kind of regional protection available*): ARIPO (BW, GH,  
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,  
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),  
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,  
FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,  
SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,  
GW, ML, MR, NE, SN, TD, TG).

(71) Applicant (*for all designated States except US*):  
SPEEDEL EXPERIMENTA AG [CH/CH]; Gewerbe-  
strasse 14, CH-4123 Allschwil (CH).

(72) Inventors; and

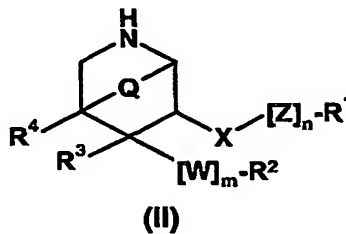
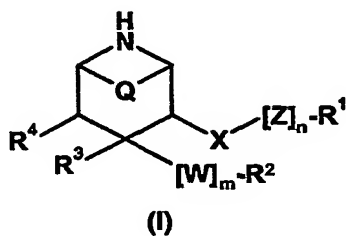
(75) Inventors/Applicants (*for US only*): HEROLD, Peter  
[CH/CH]; Roggenburgstrasse 6, CH-4055 Basel (CH).  
MAH, Robert [CA/CH]; Baselstrasse 40 L, CH-4132  
MuttENZ (CH). STUTZ, Stefan [CH/CH]; Reichenstein-  
erstrasse 19, CH-4053 Basel (CH). STOJANOVIC,  
Aleksandar [CH/CH]; Hammerstrasse 84, CH-4057 Basel  
(CH). TSCHINKE, Vincenzo [IT/CH]; Kemmattstrasse  
24, CH-4102 Binningen (CH). JOTTERAND, Nathalie

Published:

— with international search report

*For two-letter codes and other abbreviations, refer to the "Guid-  
ance Notes on Codes and Abbreviations" appearing at the begin-  
ning of each regular issue of the PCT Gazette.*

(54) Title: ORGANIC COMPOUNDS



(57) Abstract: Novel substituted  
piperidines of the general formulae (I)  
and (II) with the substituent definitions  
as explained in detail in the description are  
described. The compounds are suitable in  
particular as renin inhibitors and are highly  
potent.